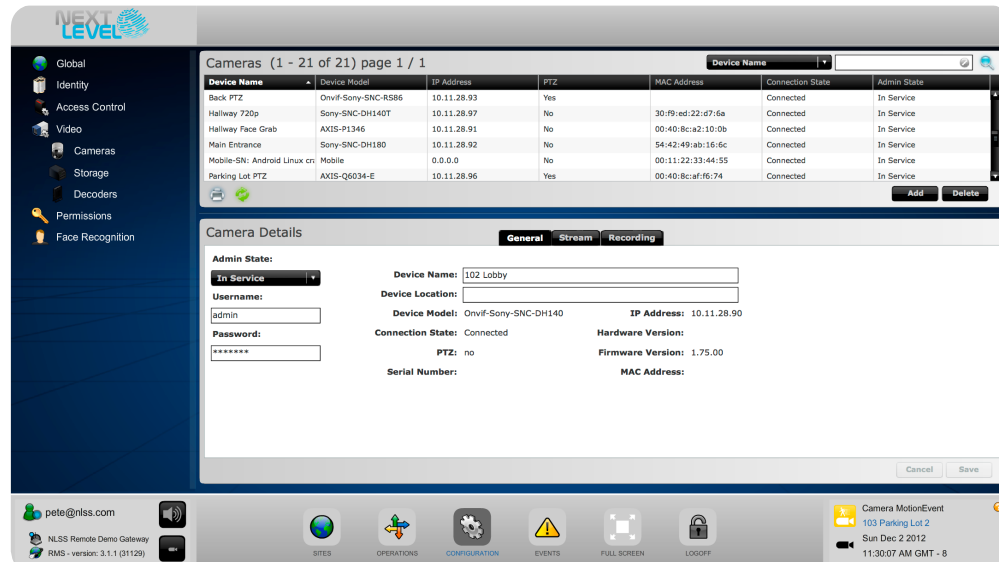


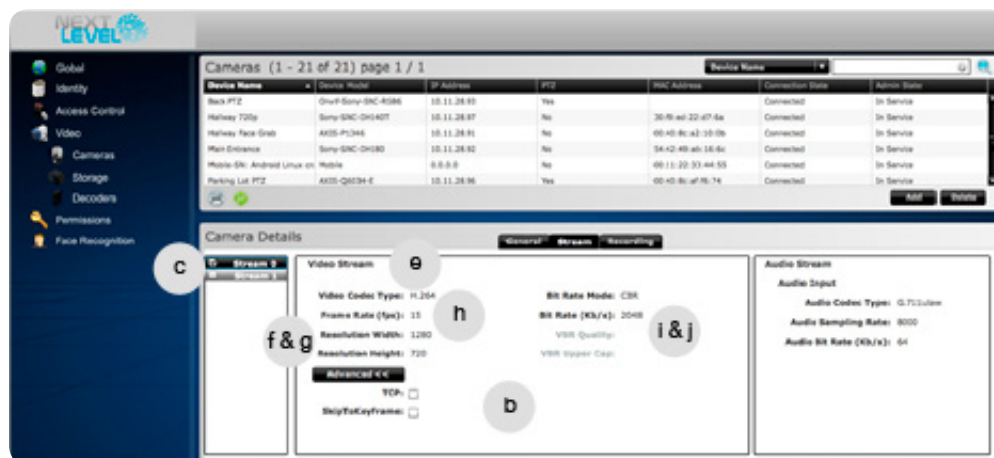
## 7.1.10 Video Features

- a. The Next Level Security System automatically discovers IP cameras that support ONVIF compliant discovery, UPnP and the following proprietary discovery protocols: Axis, Arecont, Vision, Panasonic, Sony and others.



Automatic camera provisioning. ONVIF compliant auto discovery

- b. The Next Level Security System supports reading the video configuration parameters of IP cameras in the network
- c. The Next Level Security System supports multiple video streams on one IP camera with independent per-stream video parameter settings.
- d. The Next Level Security System supports video analytics on a camera's primary video stream.



Camera support for multiple resolutions and compression formats.



- e. The Next Level Security System supports H.264 Main Profile, MPEG4, and MJPEG video compression format
- f. The Next Level Security System supports video resolutions of HD 1080p, HD 720p, D1, 4CIF, VGA, CIF and megapixel camera resolutions (check with factory).
- g. The Next Level Security System supports aspect ratios of 16:9, 4:3 (Corridor view 9x16) and non-standard aspect ratios
- h. The Next Level Security System supports frame rates up to 30 frames per second (fps) for video streams including 1080p streams
- i. The Next Level Security System supports Constant Bit Rate Model and Variable Bit Rate Model.
- j. The Next Level Security System will provide multiple bit rates for video.
- k. The Next Level Security System will provide multiple video compression formats, resolutions, aspect ratios, frame rates, bit rate models, and bit rates simultaneously.
- l. The Next Level Security System provides configuration of RTSP or HTTP server push for MJPEG video streams from IP cameras that are not automatically discovered.
- m. The Next Level Security System will provide multiple third party IP cameras and video encoders from major manufacturers including those from the following vendors or approved equal:

Axis Communications

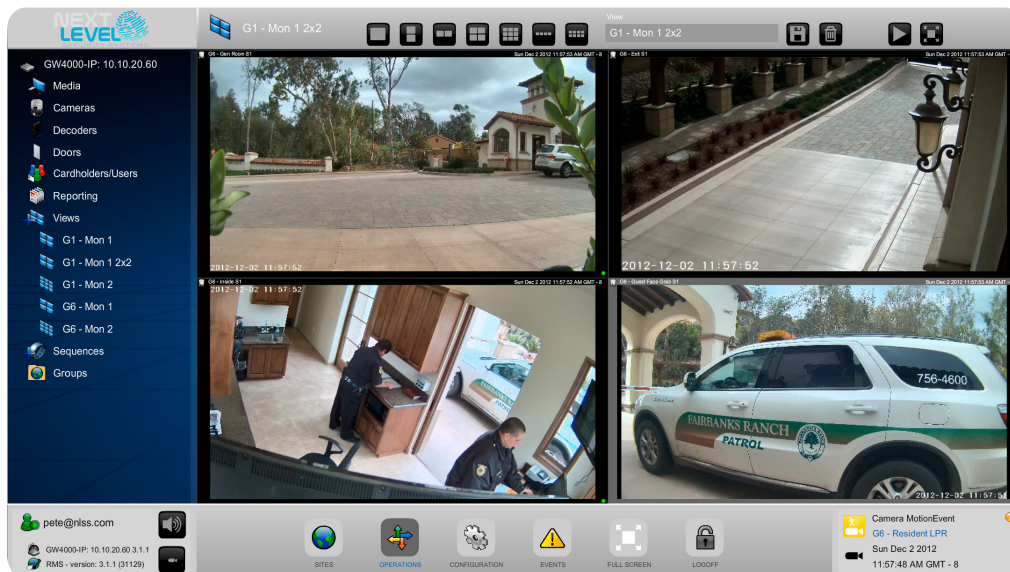
Bosch

Sony

Arecont Vision

Panasonic

Pelco



Camera support for multiple resolutions and compression formats.



## 7.1.11 Video Analytic Features

- a. The NLSS Gateway includes thirteen built-in analytics metrics, which means that no additional hardware or software integration is required. The video analytics are completely integrated into the video management and event notification system such that all alarms and events from the video analytics engine are accessible directly on the browser-based interface. Includes thirteen built-in analytic metrics for people counting, people count direction, line crossing, activity, direction, face capture, perimeter, forensic analytics, dwell time, object taken, object moved, facial recognition, license plate recognition and crowd gathering.

### Advanced Video Analytics

#### Thirteen Built-in Analytics Plus ...

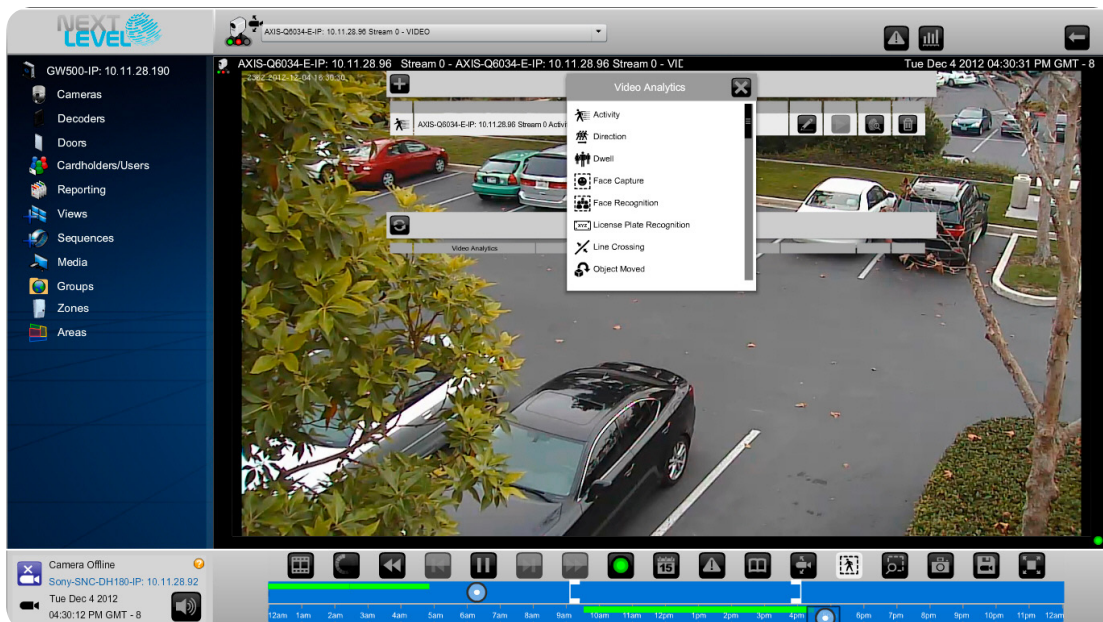
- ❖ Activity
- ❖ Direction
- ❖ Dwell Time (Loitering)
- ❖ Face Capture
- ❖ Line Crossing
- ❖ People Count
- ❖ People Count Directional
- ❖ Perimeter
- ❖ Object Moved
- ❖ Object Taken
- ❖ Crowd Detection
- ❖ Facial Recognition\*
- ❖ License Plate Recognition\*



Through the interface users can overlay trip wires or boxes onto video screens to identify sensitive areas.

Simple setup for trip wires, face grab, people counting - direction and count, perimeter and activity.

Simple point-and-click on analytic alerts to view corresponding video.

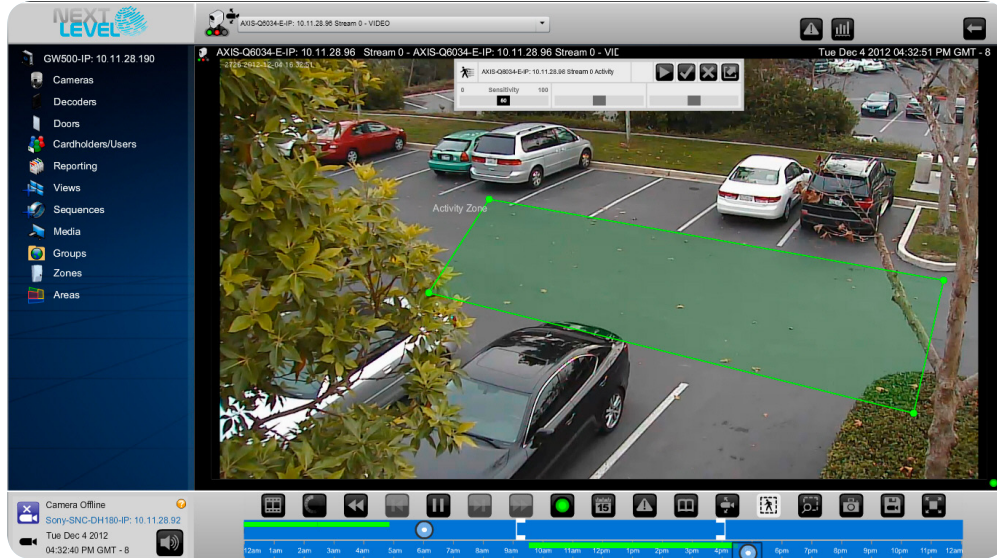


The NLSS Gateway includes thirteen built-in analytics metrics.





**Activity Detection** Activity analytics send a notification when there is movement within a specified area. Activity can be used to secure vulnerable or even dangerous areas



**Direction** Direction analytics send a notification when people or objects move only in a designated direction. Direction can be used to ensure that entrances and exits are used properly or that people are not moving toward a vulnerable or dangerous area

